

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : TAMAGAWA SEIKI CO LTD

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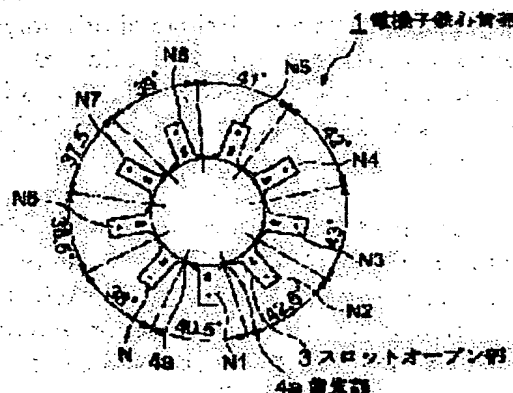
(72)Inventor : KIMURA TADATOMO
HOSOZAWA KAZUJI
KAJIYAMA SEIJI

(54) ARMATURE CORE STRUCTURE

(57)Abstract:

PROBLEM TO BE SOLVED: To distribute the biasing of the quality of the material of the slot open part of an armature core being formed by roll piling, and to reduce cogging the irregularity of torque, or the like by making the pitch of a tooth tip part uneven for forming the skew of the tooth tip part merely in the slot open part.

SOLUTION: A slot open part 3 of an armature core tooth part 1 is formed at a position where each tooth tip part 4a whose inside is recessed in a valley shape deviates from the center position between projection pieces. More specifically, the pitch of each tooth tip part 4a deviates for forming, and the pitch in the circumference direction of the armature core tooth part 1 is set to an uneven state such as 40.5° , 42.5° , 43° , 42° , 41° , 39° , 37.5° , 36.5° , and 38° . Therefore, to set each armature core tooth part 1 to an armature core with a specific thickness, a plurality of the armature core tooth parts 1 are subjected to roll piling in an axial direction for obtaining the armature core with the specific thickness, thus distributing the biasing of the quality of a slot open part, and reducing cogging and the irregularity of torque.



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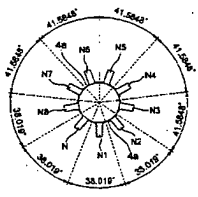
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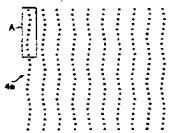
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【図10】



【図12】



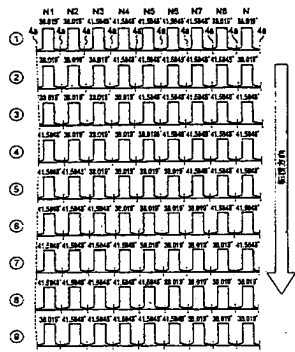
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【図17】



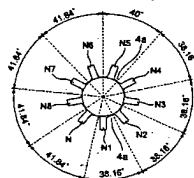
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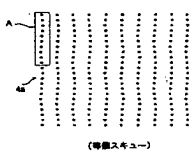


(ステータス図解図)

【図14】

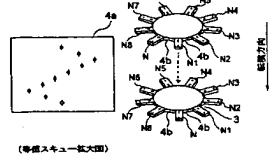


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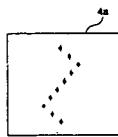
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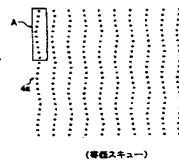
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【図13】



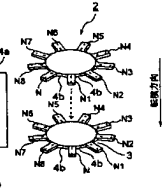
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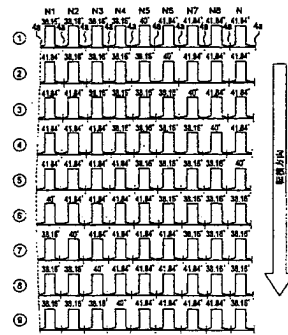


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【図23】

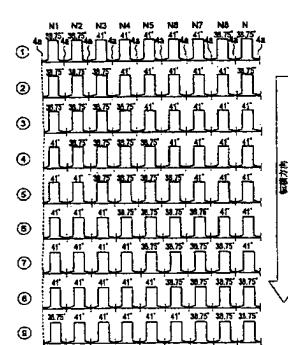


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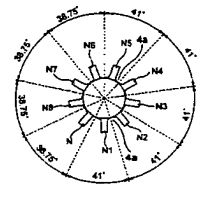
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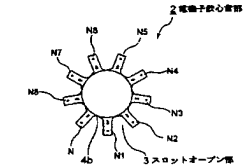
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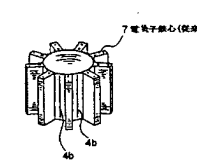


(本発明によるステータース)

【図22】



【図24】



7 電機子鉄心 (図24)

フロントページの続き

(72) 発明者 横山 健司
長野県松本市大井1879番地 多摩川精機株
式会社内

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